

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 31721-236974 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/594,929
INTERNATIONAL APPLICATION NO. PCT/JP05/004484	INTERNATIONAL FILING DATE 15 March 2005	PRIORITY DATE CLAIMED 30 March 2004
TITLE OF INVENTION IMAGE WAVELENGTH CONVERSION DEVICE, METHOD OF MANUFACTURING THE DEVICE, AND IMAGE CONVERSION SYSTEM USING THE DEVICE		
APPLICANT(S) FOR DO/EO/US Makoto MINAKATA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an <b>express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</b> 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> <b>An Executed Declaration and Power of Attorney of the inventor(s) (35 U.S.C. 371(c)(4)).</b> 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <b>Items 11 to 20 below concern document(s) or information included:</b> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/594,929</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP05/004484</b>		ATTORNEY'S DOCKET NUMBER <b>31721-236974</b>	
20. <input checked="" type="checkbox"/> Other items or information: <b>Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)</b>  <b>Withdrawal of Small Entity Claim Transmittal</b>					
The following fees have been submitted				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$ <b>150.00</b>	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations ..... \$200				\$ <b>100.00</b>	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				\$ <b>200.00</b>	
<b>TOTAL OF 21, 22 and 23 =</b>				\$ <b>450.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00	\$	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ <b>\$130.00</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =	0	x 50.00	0.00	
Independent claims	- 3 =	0	x 200.00	0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ <b>0.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
<b>SUBTOTAL =</b>				\$ <b>0.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$ <b>580.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$ <b>580.00</b>	
				Amount to be refunded:	\$
				Amount to be charged	\$ <b>580.00</b>

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 22-0261 in the amount of \$ 580.00 to cover the above fees.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0261. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

 June 15, 2007  
SIGNATURE

Michael A. Sartori, Ph.D.  
NAME

#866452  
CUSTOMER NUMBER: 26694

41,289  
REGISTRATION NUMBER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Makoto MINAKATA

Art Unit: Not Yet Assigned

Application No: 10/594,929

Examiner: Not Yet Assigned

Filed: September 29, 2006

Atty. Docket No: 31721-236974

For: IMAGE WAVELENGTH CONVERSION  
DEVICE, METHOD OF MANUFACTURING  
THE DEVICE, AND IMAGE CONVERSION  
SYSTEM USING THE DEVICE

Customer No:

\*26694\*  
PATENT TRADEMARK OFFICE

**WITHDRAWAL OF SMALL ENTITY STATUS CLAIM**

Pursuant to 37 CFR 1.28(c), Applicants wish to expressly withdraw the claim of small entity status in the above-referenced application.

Further pursuant to 37 CFR 1.28(c)(1)-(c2), Applicants submit herewith the required deficiency in fees based on the small entity fees paid on September 29, 2006 for the filing of the above-referenced U.S. National Stage Application. The fees are itemized as follows:

<u>Type of Fee</u>	<u>Small Entity Fees Paid</u>	<u>Deficiency Owed</u>
USPTO Basic filing fee	\$150.00	\$150.00
USPTO Examination fee	\$100.00	\$100.00
USPTO Search fee	\$200.00	\$200.00
Total Deficiency Fees Owed:		<u>\$450.00</u>

Applicants respectfully assert that the earlier claim to small entity status was made in good faith and is unintentional.

The Office is hereby authorized to charge the deficiency in fees to Deposit Account No. 22-0261, under Order No. 31721-236974. A fee transmittal is also enclosed.

Respectfully submitted,

Date: June 15, 2007

By   
Michael A. Sartori, Ph.D.

Registration No.: 41,289

VENABLE LLP

P.O. Box 34385

Washington, DC 20043-9998

(202)344-4000

(202)344-8300 (Fax)

Attorney/Agent For Applicant

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Makoto MINAKATA

Art Unit: Not Yet Assigned

Application No: 10/594,929

Examiner: Not Yet Assigned

Filed: September 29, 2006

Atty. Docket No: 31721-236974

For: IMAGE WAVELENGTH CONVERSION  
DEVICE, METHOD OF MANUFACTURING  
THE DEVICE, AND IMAGE CONVERSION  
SYSTEM USING THE DEVICE

Customer No:

**\*26694\***  
PATENT TRADEMARK OFFICE

**RESPONSE TO NOTICE TO FILE MISSING REQUIREMENTS OF APPLICATION**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Dear Sir:

In response to the Notice to File Missing Parts of Application – Filing Date Granted mailed May 24, 2007, Applicant respectfully submits the Declaration and Power of Attorney and the required filing fees.

Please charge our Deposit Account No. 22-0261 in the amount of \$580.00 covering the fees set forth in 37 CFR 1.16(f). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 31721-236974.

Dated: June 15, 2007

Respectfully submitted,

By   
Michael A. Sartori, Ph.D.

Registration No.: 41,289  
VENABLE LLP  
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Attorney/Agent For Applicant  
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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

MAS

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/594,929	Makoto Minakata	31721-236974

26694  
VENABLE LLP  
P.O. BOX 34385  
WASHINGTON, DC 20043-9998

INTERNATIONAL APPLICATION NO.	
PCT/JP05/04484	
I.A. FILING DATE	PRIORITY DATE
03/15/2005	03/30/2004

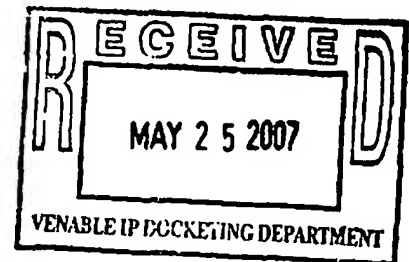
CONFIRMATION NO. 5775  
371 FORMALITIES LETTER  
\*OC000000024030542\*

Date Mailed: 05/24/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 09/29/2006
- English Translation of the IA filed on 09/29/2006
- Copy of the International Search Report filed on 09/29/2006
- Information Disclosure Statements filed on 09/29/2006
- U.S. Basic National Fees filed on 09/29/2006
- Priority Documents filed on 09/29/2006



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/594,929	PCT/JP05/04484	31721-236974